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SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Dr. J. J. Jones Examiner #: _____ Date: 12/7
Art Unit: 2671 Phone Number 30 4-0086 Serial Number: _____
Mail Box and Bldg/Room Location: _____ Results Format Preferred (circle): PAPER DISK E-MAIL

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Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: _____

Inventors (please provide full names): _____

Earliest Priority Filing Date: _____

**For Sequence Searches Only* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

litigation search
5,572,639

STAFF USE ONLY

	Type of Search	Vendors and cost where applicable
Searcher: <u>N. J. Jones</u>	NA Sequence (#) _____	STN _____
Searcher Phone #: <u>2671</u>	AA Sequence (#) _____	Dialog <u>2</u>
Searcher Location: <u>2671</u>	Structure (#) _____	Questel/Orbit <u>X</u>
Date Searcher Picked Up: <u>12/7</u>	Bibliographic _____	Dr.Link _____
Date Completed: <u>12/7</u>	Litigation <u>X</u>	Lexis/Nexis <u>2</u>
Searcher Prep & Review Time: _____	Fulltext _____	Sequence Systems _____
Clerical Prep Time: _____	Patent Family _____	WWW/Internet _____
Online Time: <u>5</u>	Other _____	Other (specify) _____

5/9/1

DIALOG(R) File 345:Inpadol...am.& Legal Stat
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13337353

Basic Patent (No,Kind,Date): US 5572639 A 19961105 <No. of Patents: 002>

PATENT FAMILY:

UNITED STATES OF AMERICA (US)

Patent (No,Kind,Date): US 5572639 A 19961105

METHOD AND APPARATUS FOR INTERACTIVELY MANIPULATING AND DISPLAYING
PRESUMPTIVE RELATIONSHIPS BETWEEN GRAPHIC OBJECTS Method and
apparatus for interactively manipulating and displaying presumptive
relationships between graphic objects (English)

Patent Assignee: GANTT BRIAN D (US)

Author (Inventor): GANTT BRIAN D (US)

Priority (No,Kind,Date): US 436158 A 19950508

Applic (No,Kind,Date): US 436158 A 19950508

National Class: * 395133000; 395137000; 395138000; 395326000

IPC: * G06T-003/00

Language of Document: English

Patent (No,Kind,Date): US 6016147 A 20000118

METHOD AND SYSTEM FOR INTERACTIVELY DETERMINING AND DISPLAYING
GEOMETRIC RELATIONSHIPS BETWEEN THREE DIMENSIONAL OBJECTS BASED ON
PREDETERMINED GEOMETRIC CONSTRAINTS AND POSITION OF AN INPUT DEVICE
(English)

Patent Assignee: AUTODESK INC (US)

Author (Inventor): GANTT BRIAN D (US)

Priority (No,Kind,Date): US 744241 A 19961105; US 436158 A2
19950508

Applic (No,Kind,Date): US 744241 A 19961105

Addnl Info: 5572639 Patented

National Class: * 345420000; 345419000

IPC: * G06T-015/70

Derwent WPI Acc No: * G 2000-159963; G 2000-159963

Language of Document: English

UNITED STATES OF AMERICA (US)

Legal Status (No,Type,Date,Code,Text):

US 5572639 P 19950508 US AE APPLICATION DATA (PATENT)
(APPL. DATA (PATENT))

US 5572639 P 19961105 US A 19950508

US 5572639 P 19971028 US AS02 PATENT

US 5572639 P 19971028 US AS02 ASSIGNMENT OF ASSIGNOR'S
INTEREST

ASHLAR INCORPORATED 1290 OAK MEAD PARKWAY,
SUITE 218 SUNNYVALE, CALIFORNIA 94086 ;
GANTT, BRIAN D. : 19970924

US 5572639 P 19971028 US AS99 OTHER ASSIGNMENTS
GANTT, BRIAN D. 8710 BRODIE LANE AUSTIN,
TEXAS 78745 ; REVEILLE SYSTEMS INC. :
19970924 OTHER CASES: NONE; SECURITY

US 5572639 P 19981014 US AS02 ASSIGNMENT OF ASSIGNOR'S
INTEREST

AUTODESK, INC. SAN RAFAEL, CALIFORNIA ;
ASHLAR INCORPORATED : 19980915

US 5572639 P 19981229 US RF REISSUE APPLICATION FILED
(REISSUE APPL. FILED)
981104

US 5572639 P 19990601 US AS02 ASSIGNMENT OF ASSIGNOR'S
INTEREST

REVEILLE SYSTEMS, INC. AUSTIN, TEXAS; ASHLAR
INCORPORATED SANTA CLARA, CALIFORNI ;
CONTRERAS, ALFREDO : 19980915; REVEILLE
SYSTEMS, INC. : 19980915; ASHLAR INCORPORATED
: 19980915

US 6016147 P 19950508 US AA PRIORITY
US 436158 A2 19950508

US 6016147 P 61105 US AE APPLICATION DATA (PATENT)
(APPL. DATA (PATENT))
US 744241 A 19961105
US 6016147 P 20000118 US A PATENT

LEVEL 1 - 1 OF 1 PATENT

572,639

LEXIS-NEXIS

Library: PATENT

File: ALL

<=2> GET 1st DRAWING SHEET OF 13

Nov. 5, 1996

Method and apparatus for interactively manipulating and
displaying presumptive relationships between graphic objects

REISSUE: Reissue Application filed Nov. 4, 1998 (O.G. Dec. 29, 1998) Ex. Gp.:
2772; Re. S.N. 09/186,270

CORE TERMS: graphic, vector, cursor, alignment, cling, floating, geometric,
tolerance, computer, proximity...

5,572,639 OR 5572639

LEXIS-NEXIS
Library: PATENT
File: CASES

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To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.

5,572,639 OR 5572639

LEXIS-NEXIS
Library: PATENT
File: JNLS

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To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.

1/3 LGST (1/1) - (C) LEGSTAT
PN - US 5572639 [US5572639]
AP - US 436158/95 19950508 [1995US-0436158]
DT - US-P
ACT - 19950508 US/AE-A
APPLICATION DATA (PATENT)
{US 436158/95 19950508 [1995US-0436158]}
- 19961105 US/A
PATENT
- 19971028 US/AS02
ASSIGNMENT OF ASSIGNOR'S INTEREST
ASHLAR INCORPORATED 1290 OAK MEAD PARKWAY, SUITE 218 SUNNYVALE,
CALIFORNIA 94086 * GANTT, BRIAN D. : 19970924
- 19971028 US/AS99
OTHER ASSIGNMENTS
GANTT, BRIAN D. 8710 BRODIE LANE AUSTIN, TEXAS 78745 * REVEILLE
SYSTEMS INC. : 19970924 OTHER CASES: NONE; SECURITY
- 19981014 US/AS02
ASSIGNMENT OF ASSIGNOR'S INTEREST
AUTODESK, INC. SAN RAFAEL, CALIFORNIA * ASHLAR INCORPORATED : 19980915
- 19981229 US/RF
REISSUE APPLICATION FILED
981104
- 19990601 US/AS02
ASSIGNMENT OF ASSIGNOR'S INTEREST
REVEILLE SYSTEMS, INC. AUSTIN, TEXAS; ASHLAR INCORPORATED SANTA CLARA,
CALIFORNIA * CONTRERAS, ALFREDO : 19980915; REVEILLE SYSTEMS, INC. :
19980915; ASHLAR INCORPORATED : 19980915
UP - 2000-08

2/3 CRXX (1/1) - (C) CLAIMS/RRX
AN - 2780002
PN - 5,572,639 A 19961105 [US5572639]
PA - Gantt, Brian D
PT - E (Electrical)
ACT - 19971028 REASSIGNED
ASSIGNMENT OF ASSIGNOR'S INTEREST

Assignor: ASHLAR INCORPORATED DATE SIGNED: 09/24/1997

Assignee: REVEILLE SYSTEMS, INC. 8710 BRODIE LANE AUSTIN, TRAVIS
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Reel 008761/Frame 0581

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- 19971028 REASSIGNED
ASSIGNMENT OF ASSIGNOR'S INTEREST

Assignor: GANTT, BRIAN D. DATE SIGNED: 09/24/1997

Assignee: ASHLAR INCORPORATED 1290 OAK MEAD PARKWAY, SUITE 218
SUNNYVALE, CALIFORNIA 94086

Reel 008761/Frame 0584

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- 19971028 REASSIGNED
SECURITY

Assignor: REVEILLE SYSTEMS INC. DATE SIGNED: 09/24/1997

Assignee: GANTT, BRIAN D. 8710 BRODIE LANE AUSTIN, TEXAS 78745

Reel 008761/Frame 0594

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- 19981014 REASSIGNED
ASSIGNMENT OF ASSIGNOR'S INTEREST

Assignor: ASHLAR INCORPORATED DATE SIGNED: 09/15/1998

Assignee: AUTODESK, INC. SAN RAFAEL, CALIFORNIA

Reel 009516/Frame 0307

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- 19981014 REASSIGNED
ASSIGNMENT OF ASSIGNOR'S INTEREST

Assignor: GANTT, BRIAN D. DATE SIGNED: 09/15/1998

Assignee: REVEILLE SYSTEMS, INC. AUSTIN, TEXAS

Reel 009516/Frame 0297

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- 19981014 REASSIGNED
ASSIGNMENT OF ASSIGNOR'S INTEREST

Assignor: REVEILLE SYSTEMS, INC. DATE SIGNED: 09/15/1998

Assignee: ASHLAR INCORPORATED SANTA CLARA, CALIFORNIA

Reel 009516/Frame 0295

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- 19981104 REISSUE REQUESTED
Issue Date of O.G.: 19981229
Reissue Request Number: 09/186270
Examination Group responsible for Reissue process: 2772

- 19990601 REASSIGNED
ASSIGNMENT OF ASSIGNOR'S INTEREST

Assignor: CONTRERAS, ALFREDO DATE SIGNED: 09/15/1998
REVEILLE SYSTEMS, INC. DATE SIGNED: 09/15/1998
ASHLAR INCORPORATED DATE SIGNED: 09/15/1998

Assignee: REVEILLE SYSTEMS, INC. AUSTIN, TEXAS
ASHLAR INCORPORATED SANTA CLARA, CALIFORNIA
AUTODESK, INC. SAN RAFAEL, CALIFORNIA

Reel 009987/Frame 0093

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UP - 1999-00
URAS- 1999-12-07

3/3 PAST (1/1) - (C) PAST
AN - 199852-001303
PN - 5572639 A [US5572639]
DT - A (UTILITY)
OG - 1998-12-29
CO - REA
ACT - REISSUE APPLICATION FILED
SH - REISSUE APPLICATION FILED